

Risk Register – Skiercross (Single Runner)

Event: Regional / State / Australian Interschool Championships				Assessor: Steve Cooper			Date of assessment:
Location: Thredbo. Perisher - Front Valley, Blue Cow or Guthega				Date of Event: June / July / August / September 2017			07/05/2017
	From Risk Assessment Matrix			From Risk Control Hierarchy			
Hazard	What is the Harm that may occur?	What is the likelihood that the harm would occur?	What is the level of Risk?	What are the current controls?	What further controls are required?	How will controls be implemented?	What is the level of Risk, after new controls
Racer collides with spectator, course worker, other racers or officials	Major, Extensive Injuries	Possible, might occur at some stage	High Risk	Resort signage at cross trails and fenced barriers, top and bottom radio communiqué; 'hold course' signals where necessary. Safety equipment to be worn at all times. (Helmets, gloves, goggles, No race suits). Race officials training courses are offered to all volunteers and officials.	Supervision by race course officials, to stay alert & keep bystanders off the course, use 'on course' commands and to slow racers down when exiting the course. Race officials to wear safety vests, roped off areas. A core group of experienced and or accredited race officials to be in attendance at each race.	<ol style="list-style-type: none"> 1. Discuss requirements of crowd control & radio signals with race department. 2. Training & Briefing for race officials. (Monitor crowds, slow racers down in finish area). 3. Pre-Race course & barrier inspection. 4. Use 'on course' or 'hold course' commands where necessary. 5. Ensure finish area is clear at all times. 6. Conduct equipment checks & requirements stipulated in event rules. 7. Photographer to position themselves behind protection barrier or out of race line. 8. Resort ski patrol to be available to service the race. The resort medical centre to be open during race times. 	Moderate Risk
Racer collides with obstacles, e.g. tree's, poles, etc	Major, Extensive Injuries	Possible, might occur at some stage	High Risk	Fenced barriers, A and B layers & padding where necessary in high risk areas of the race course. Safety equipment to be worn at all times. (Helmets, gloves, goggles, No race suits).	Race department to prepare, set and inspect prior to start, forerunners to identify areas of concern. Where necessary, Adjustments to the course and safety fencing be made as the race progresses.	<ol style="list-style-type: none"> 1. Discuss requirements of safety barriers and spill zones with race department. 2. Where the course cannot be built to avoid such impediments it should be set 'off the line' of the obstacle. 3. Pre-race course & barrier inspection (forerunner) & ongoing monitoring. 4. Take all requests for extra padding by athletes and bystanders seriously and assess problem areas. 5. Conduct equipment checks & requirements stipulated in event rules. 6. Allow for adequate course inspection time. 	Moderate Risk

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Racer losing control on jumps/rises and slopes.	Moderate, Medical treatment needed, contained with assistance.	Possible, might occur at some stage	Moderate Risk	Racer's responsibility to ski/ride within limits. Safety equipment to be worn at all times. (Helmets, gloves, goggles).	Allow adequate time for course inspections. Race department to be instructed to set race courses taking into account the age of the competitors and the level of the event. Courses should increase in difficulty from regional, state and national championships. Resort ski patrol to be available to service the race. The resort medical centre to be open during race times.	<ol style="list-style-type: none"> 1. Discuss requirements with race department, for athlete abilities to match terrain. 2. Need to remain in control at all times, to be written into event rules & guidelines for participants, school coordinators and team managers. 3. Race program to allow adequate time for course inspections. 4. Reinforce the need for teams to have adequately trained team managers & coaches to highlight course specifics. 5. Schools to ensure that participant's abilities are satisfactory for the event they are being entered. 6. Conduct equipment checks. 7. Kickers and jumps are to be reassessed & modified where necessary as the race progresses. 	Moderate Risk
Racer losing control & crashing out on course	Moderate, Medical treatment needed, contained with assistance.	Possible, might occur at some stage	Moderate Risk	Racer's responsibility to ski/ride within limits. Safety equipment to be worn at all times. (Helmets, gloves, goggles).	Allow adequate time for course inspections. Resort ski patrol to be available to service the race. The resort medical centre to be open during race times. Race department to be instructed to set race courses taking into account the age of the competitors and the level of the event.	<ol style="list-style-type: none"> 1. Discuss requirements with race department, for athlete abilities to match terrain. Courses should increase in difficulty from regional, state and national championships. 2. Need to remain in control at all times, to be written into event rules & guidelines for participants, school coordinators and team managers. 3. Race program to allow adequate time for course inspections. 4. Reinforce the need for teams to have adequately trained team managers & coaches to highlight course specifics. 5. Schools to ensure that participant's abilities are satisfactory for the event they are being entered. 6. Conduct equipment checks. 	Moderate Risk

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Poor Visibility, Injury to athletes and officials	Minor , First-aid treatment/ on-site release immediate	Possible , might occur at some stage	Moderate Risk	Race department inspects course, monitors weather patterns, snow changes and course line. Implements use of slipping, raking & salting. Blue colour lines to be placed on edge of course, finish line or rises.	Reassess need to continue or start race when poor visibility prevails. Reinforce need for racers to ski/ride within their own abilities and perform to weather/snow conditions.	<ol style="list-style-type: none"> 1. Discuss weather patterns and visibility, with race department and monitor as weather patterns change. 2. Continually assess the need to continue, and abandon race in extreme situations. 3. Continue use of blue colour lines. 4. Reaffirm the need for racers to perform according to the conditions. Announcements to be made over the main speaker. 	Low Risk
Exposure to weather extremes for athletes and officials.	Moderate , Medical treatment needed contained with outside assistance, Hypothermia, Sunburn.	Possible , Might occur at some time.	Moderate Risk	Racer responsibility to remain protected from the environment, Minimal checks by race officials. The resort medical centre to be open during race times.	Race officials to monitor participants for signs of hypothermia in waiting areas on extreme weather days. Sunscreen provision in Events Room for Officials and Competitors.	<ol style="list-style-type: none"> 1. Monitor participants for signs of cold exposure. 2. Make regular announcements regarding sunscreen on hotter days. 3. Implement changes to race structure in extreme weather, cancellations, or move to one run format where necessary. 4. Chief of gates to monitor race officials for cold exposure. 	Low Risk
Slips, Trips, Falls by athletes or officials	Minor , First Aid Treatment on site	Likely , will probably occur most time	Moderate Risk	Individual's responsibility. Resort ski patrol to be available to service the race, athletes, officials and spectators. The resort medical centre to be open during race times	Keep waiting area's free of trip hazards and non-race personnel. Monitor icy patches.	<ol style="list-style-type: none"> 1. Discuss requirements of chorale areas' with race department, barriers & fenced off areas. 2. Regular announcements to take caution around icy areas'. 3. Keep waiting area's free of unofficial parties. 	Low Risk
Ill-fitting or broken equipment	Moderate , Medical treatment needed, contained.	Possible , might occur at some stage	Moderate Risk	Racer responsibility, Minimal checks by race officials.	Additional checks of equipment in marshalling areas. Bindings secured, Boots done up, Helmet satisfactory.	<ol style="list-style-type: none"> 1. Equipment requirements written into event rules & guidelines for participants. 2. Training & briefing for race officials to carry out checks. 3. Four point Head to toe checks in Marshalling area by officials. Bindings, Boots, Helmets. 	Low Risk

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Abuse toward race officials	Minor, First Aid Treatment on site, Moderate - emotional trauma.	Unlikely, Could occur at some time	Low - High Risk	Zero Tolerance toward abusive behaviours. Current protest procedures contained in event rules.	Complaints to be in writing.	1. Reinforce zero tolerance policy to all schools and athletes. 2. Complaints and disputes to be submitted by school &/or team managers.	Low Risk
Racers, spectators or officials struck by object.	Minor, First Aid Treatment on site,	Possible, Might occur at some time	Moderate Risk	Compact snow balls or pieces of equipment are not to be thrown in marshalling areas'. Spectators should remain alert and behind barriers at all times.	Supervision by Race officials, team managers. Announcements relating to appropriate behaviour in waiting areas. The resort medical centre to be open during race times.	1. Reinforce marshalling area guidelines to all schools and athletes. 2. Make announcements where necessary. 3. Instruct race officials to be alert and prevent inappropriate snow play from occurring or spectators from crossing over safety barriers. 4. Where a race course is located under chair lifts, lift operators should take extra caution in ensuring objects (ski poles) are secured. To be discussed with resort and race department.	Low Risk
Additional Hazards and Controls specific to Individual Race courses:							
Risk Review (To be conducted Pre, During & Post activity) <ul style="list-style-type: none"> • Are the <i>risk control</i> measures (for each hazard) working effectively in both their design and operation? • Have the <i>risk control</i> measures (for each hazard) introduced new problems? • Have all <i>hazards</i> been identified? • Are safety procedures (for each hazard) being followed? • Has instruction and training provided to <i>workers</i> on how to work safely been successful? 							